

L109 ANSWER 7 OF 10 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

AN 89-035228 [05] WPIDS

DNN N89-026803 DNC C89-015395

TI Pest repellent collar for pets - contains dye, pest repellent, benzyl-benzoate or salicylate or di alkyl phthalate dispersing agent, in EVA copolymer.

DC A97 C03 P14

PA (DAII-N) DAIICHI YAKUKA KOGY

CYC 1

PI JP 63307801 A 881215 (8905)\* 3 pp

ADT JP 63307801 A JP 87-142137 870609

PRAI JP 87-142137 870609

AN 89-035228 [05] WPIDS

AB JP63307801 A UPAB: 930923

Pest repellent collar for pets contains a pest repellent, a colouring agent, and one or more dispersing agents comprising benzyl benzoate, benzyl salicylate and a di-lower alkyl phthalate in a copolymer of ethylene-vinyl acetate.

Copolymers of 95-65% of ethylene and 5-35% of vinyl acetate, partic. 15-30% exhibit satisfactory transparency and exhalation of the repellents. Dispersing agents include benzyl benzoate, benzyl salicylate and dilower alkyl ester of phthalic acid e.g. dimethyl, diethyl, and dibutyl esters, and the content of the dispersing agent in the copolymer is 0.5-10%. Pest repellents include oils of **pennyroyal**, eucalyptus, citronella, cedar, peppermint and camphor at rates of 5-30% in the copolymer. Colouring agents include conventional dyes e.g. titanium oxide, fluorescent dye, etc..

USE/ADVANTAGE - Pests, e.g. fleas and ticks or mites on pets, e.g. cats and dogs, can be controlled, partic. within houses. Pest repellent is slowly released uniformly over a long period of time.  
0/0

L109 ANSWER 8 OF 10 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

AN 87-177533 [25] WPIDS

DNC C87-074029

TI Natural flea repellent herbal compsn. - contg. **pennyroyal**, eucalyptus and camomile and their oils.

DC C03

IN THIELEN, C A

PA (THIE-I) THIELEN P

CYC 1

PI US 4671960 A 870609 (8725)\* 4 pp

ADT US 4671960 A US 86-887981 860725

PRAI US 84-590520 840316; US 86-887981 860725

AN 87-177533 [25] WPIDS

AB US 4671960 A UPAB: 930922

Herbal compsn. comprises 93-99 wt.% active dry ingredients namely 32 and two third % camomile, 32 and two third % **pennyroyal** and 32 and two third % eucalyptus, and 1-7 wt.% active oil ingredients, namely 1.2% **pennyroyal** oil, 0.4% eucalptus oil and 0.4% citronella oil.

USE/ADVANTAGE - The compsn. is a natural flea repellent for use in pet collars. It is non-irritating and harmless to pets.  
0/5

L109 ANSWER 9 OF 10 WPIDS COPYRIGHT 1997 DERWENT INFORMATION LTD

AN 80-23656C [13] WPIDS

TI Treatment of flea infested animals - by using compsn. contg.

L83 ANSWER 51 OF 95 HCAPLUS COPYRIGHT 1996 ACS  
1990:454355 Document No. 113:54355 Methyl salicylate-based insect repellents. Dardai, Zoltan; Pozsonyi, Sandor, Mrs. (Hung.). Hung. Teljes HU 49787 A2 891128, 4 pp. (Hungarian). CODEN: HUXXB. APPLICATION: HU 87-2649 870610.

AB Environmentally-safe insect repellents comprise Me salicylate and lavender and dill essential oil. A household insect repellent comprised Me salicylate 90, lavender oil 2, dill oil 2, and paraffin oil 6%.

L83 ANSWER 52 OF 95 HCAPLUS COPYRIGHT 1996 ACS  
1990:411962 Document No. 113:11962 Container with sorbent member and microporous polymeric membrane for dispensing vapor from volatile liquid. Munteanu, Marina A. (International Flavors and Fragrances Inc., USA). U.S. US 4915301 A 900410, 8 pp. (English). CODEN: USXXAM. APPLICATION: US 88-271628 881115.

AB Volatile substances such as fragrances, perfumes, deodorizers, room freshener compns. and the like are dispensed in vapor phase from a container holding the substance in liq. phase at room temp. and under atm. pressure. The container has a window covered with a microporous polymeric membrane with an active structure formed from a material having a crit. surface tension that is below the surface tension of the liq. substance. Generally, the active membrane material has a crit. surface tension <22 dynes/cm and preferably <20 dynes/cm while the surface tension of the liq. is at least 22 dynes/cm. One example is an UV irradiated polymer compn. with 0.2  $\mu$ m nominal pore size. In all instances the volatile substance is first sorbed within a porous element and desorbed therefrom for transport through the membrane only in its vapor phase.

L83 ANSWER 53 OF 95 HCAPLUS COPYRIGHT 1996 ACS  
1990:231322 Document No. 112:231322 Insect-repellent composition comprising DEET, Hedion and plant extracts. Leuthold, Serge Andre (Switz.). PCT Int. Appl. WO 8906904 A1 890810, 12 pp. DESIGNATED STATES: W: BR, JP, KR, US; RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE. (French). CODEN: PIXXD2. APPLICATION: WO 89-EP62 890120. PRIORITY: CH 88-269 880127.

AB Insect repellent compns. for humans and animals, comprise a plant ext., DEET, and Hedion as an activity enhancer. The compns. are formulated with PVP and vinyl plasticizers. The plant exts. are from geranium, lavender, pelargonium, etc. A compn. comprised EtOH 65.5, DEET 20, PVP 1, iso-Pr myristate 8, dipropylene glycol 4, Hedion 0.1, solubilizer 0.5, and plant ext. 0.9%.

BEST AVAILABLE COPY